

Federal Motor Carrier Safety Administration Analysis & Information Online

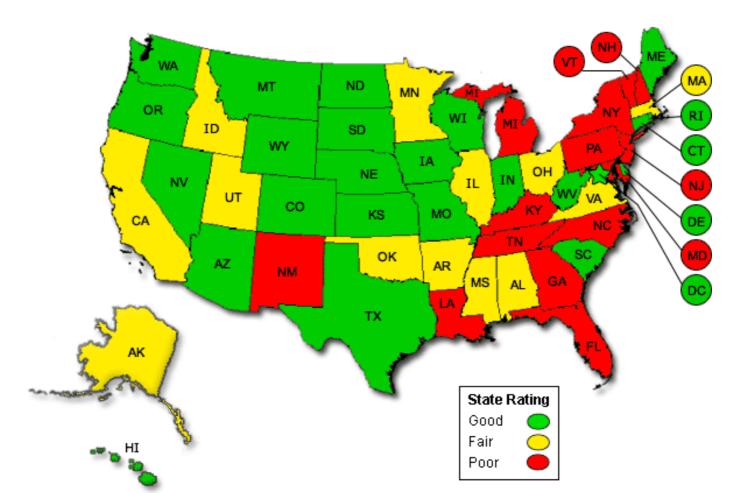


State Safety Data Quality

SafeStat identifies and prioritizes carriers for FMCSA and State safety improvement and enforcement programs based in part upon safety and compliance data provided to FMCSA by the States. In particular, State-reported motor carrier crash and inspection data are used by SafeStat. Although there is variability among States in the reporting of crash and inspection data, an Effectiveness Study of SafeStat has shown that reported data are sufficient to identify high-crash risk carriers for FMCSA programs. In order to disclose the nature of this variability, State crash and inspection reporting has been evaluated below based upon data completeness, timeliness and accuracy.

To measure the completeness of the data, 2002 State crash data in FMCSA's Motor Carrier Management System (MCMIS) has been compared to NHTSA's 2002 Fatality Analysis Reporting System (FARS) data. To measure timeliness and accuracy, State crash and inspection records in MCMIS have been evaluated based on a March 26, 2004 snapshot of the events that occurred January 1, 2003 through December 31, 2003.

This evaluation will be updated quarterly to reflect improvements in crash and inspection reporting.



Summary Report: State Rating of Crash and Inspection Reporting Overview Report | Methodology | Supporting Data Analysis

Good Fair Poor Insufficient Data Measures Overriding Indicator* Completeness **Timeliness** Overall Accuracy State Crash **Rating** Crash Crash Inspection Inspection Consistency Fatal Reporting % Reported % Reported % Matched % Matched Crash % Reported Alabama Alaska \bigcirc \bigcirc Arizona \bigcirc Arkansas California Colorado \bigcirc \bigcirc Connecticut Delaware \bigcirc District of Columbia \bigcirc Florida Georgia Hawaii Idaho \bigcirc Illinois Indiana Iowa Kansas \bigcirc Kentucky \bigcirc Louisiana Maine ٣ Maryland Massachusetts \bigcirc Michigan \circ Minnesota Mississippi Missouri Montana Nebraska \bigcirc Nevada \bigcirc \bigcirc New Hampshire \bigcirc \bigcirc \bigcirc New Jersey \bigcirc \bigcirc ٣ New Mexico ٣ New York \bigcirc ٣ North Carolina North Dakota \circ ${}^{\circ}$ Ohio Oklahoma Oregon Pennsylvania Rhode Island South Carolina South Dakota Tennessee Texas \bigcirc \bigcirc Utah \bigcirc \bigcirc Vermont \bigcirc \bigcirc Virginia \bigcirc Washington West Virginia Wisconsin \bigcirc Wyoming * States that are red flagged are automatically rated POOR overall. Rules for State Rating considers 5 measures and 1 overriding indicator

Rating		Description	# of States
Good		0 Poor AND Minimum of 1 Good	24
Fair	0	Maximum of 1 Poor	13
Poor	•	2+ Poor OR Red Flagged	14

		entage of Fatal Crash Records 2002 (Fatal Crash Records)			
<u>State</u>	Rating	FARS	MCMIS	MCMI of F	
National	N/A	4,542	4,486		
Alabama	•	122	126		
Alaska		4	4		
Arizona	•	88	88		
Arkansas	•	78	77	<u> </u>	
California	•	346	403		
Colorado	•	50	48		
Connecticut	•	17	17		
Delaware	•	17	19		
District of Columbia	•	0	0		
Florida	•	351	276		
Georgia	•	202	237		
Hawaii	•	4	4		
Idaho	•	30	34		
Illinois	•	159	144		
Indiana	•	120	135		
Iowa	•	67	70		
Kansas	•	78	78		
Kentucky	0	114	101		
Louisiana	•	102	110		
Maine	•	21	19		
Maryland	•	61	65		
Massachusetts	•	22	30		
Michigan	•	123	128		
Minnesota	•	78	91		
Mississippi	•	72	73		
Missouri	•	151	148		
Montana	•	22	24		
Nebraska	•	59	62		
Nevada	•	33	34		
New Hampshire		15	12		
New Jersey		48	39		
New Mexico	•	57	56		
New York	•	131	145		
North Carolina	0	166	136		
North Dakota	•	18	19		
Ohio	•	186	176		
Oklahoma	•	107	111		
Oregon	•	45	46		
Pennsylvania	0	174	151	<u> </u>	
Rhode Island		5	102		
South Carolina		91	103		
South Dakota	•	16	17		
Tennessee Texas	-	401	383		
	-				
Utah		38	45		
Vermont Virginia		84	51	<u> </u>	
Washington		53	51		
West Virginia		57	54	<u> </u>	
Wisconsin		93	97		
Wyoming		27	25		
wyoming		21	2.5		
	ta Source				
Vehicle Type Large Trucks Only					
Data Set 2002 FARS 2002 MCMIS crash r	ecords from Mar	rch 26, 2004 dat	a snapshot		
Summary Repo	ort				
Rating Description	#	States			
Good MCMIS as a % of FARS	S is >= 90%	42			
Fair OMCMIS as a % of FARS	S is 80 - 89%	7			

MCMIS as a %

 $\underline{\text{of FARS}}$

99%

103%

100%

100%

99%

116%

96%

100% 112%

100%

79%

117%

100%

113%

91%

113%

104%

100% 89%

108%

90%

107%

136%

104%

117%

101%

98%

109% 105%

103%

80%

81%

98%

111%

82%

106%

95%

104%

102%

87% 80%

113%

106%

85%

96%

118%

100%

61%

96% 95%

104% 93%

<u>State</u>		Rating	Total # Crash Records	# Records Reported w/in	
National		N/A	97,473	90 Days 56,642	901
Alabama		-	3,197	2,77	
Alaska		0	14	1	
Arizona		•	1,965	1,818	3
Arkansas		•	759	5	7
California		•	9,922	4,564	4
Colorado		•	1,295		
Connecticut		0	914		
Delaware		•	228		
District of Columbia Florida		_	7		5
Georgia			3,650 2,976	-	-
Hawaii			191	168	_
Idaho		•	392		
Illinois		•	5,351	5,29	7
Indiana		•	4,675	3,950	5
Iowa		•	1,273	1,24	7
Kansas		0	1,488		_
Kentucky		•	2,296		
Louisiana		0	654	42	_
Maine Maryland		•	1,357	1,233	
Massachusetts			574		_
Michigan			4,637	60	
Minnesota		-	1,757		_
Mississippi			2,063		
Missouri		•	1,952	1,73	1
Montana		•	679	654	4
Nebraska		•	538	49:	5
Nevada		•	264		4
New Hampshire		•	156		_
New Jersey	•	8,875		-	
New Mexico New York	_	1,530		5	
North Carolina		1,046		4	
North Dakota			336	-	_
Ohio		•	4,423		_
Oklahoma		•	1,274	1,182	2
Oregon		•	260	234	4
Pennsylvania		•	1,002	5	1
Rhode Island		•	331	330	_
South Carolina		•	2,457	2,44	
South Dakota		•	268		
Tennessee Texas			9,789		_
Utah		<u> </u>	9,789	6,23	
Vermont			33		_
Virginia		•	2,397		_
Washington		•	1,419	1	-
West Virginia		•	996	93	1
Wisconsin		0	2,881	2,17:	5
Wyoming		•	936	93:	5
Vahiala Tara		ata Source			
Vehicle Type Large to			ary 1 2003 to D	ecember 31, 2003	3
Data Set (1 year)		rch 26, 2004	data snapshot.		
	Summar	y Report			
Rating		Description	l	# States	
Good	% Reported v			25	
Fair	1		ys is 60 - 84%	8	
Poor	% Reported v			18	
Insufficient Data	State has <15 current timeform	-	orted in 60% of crash	0	

% Records
Reported w/in
90 Days

58%

87%

79%

93%

8%

46%

88%

72%

94%

86%

44%

6%

88%

4%

99%

85%

98%

78%

50%

64%

91%

6%

48%

13%

72%

92%

89%

96%

92%

96%

21%

15%

4%

12%

0%

98%

15%

93%

90%

5%

100%

99%

99%

13%

64%

77%

52%

100%

99%

93%

75%

100%

Inspection Timeliness Measure: Percentage of Inspection Records Reported within 21 Days								
<u>State</u>	Rating	Total # Inspection Records	# Records Reported w/in 21 Days	% Records Reported w/in 21 Days				
National	N/A	1,531,455	1,105,022	72%				
Alabama	•	7,468	6,355	85%				
Alaska	•	5,266	2,828	54%				
Arizona	0	13,236	7,980	60%				
Arkansas	•	39,602	39,292	99%				
California	0	408,370	258,893	63%				
Colorado	0	57,224	36,011	63%				
Connecticut	•	2,684	2,618	98%				
Delaware	•	2,569	2,220	86%				
District of Columbia	•	3,094	2,929	95%				
Florida	•	43,240	36,606	85%				
Georgia	•	15,471	14,649	95%				
Hawaii		3,086	2,871	93%				
Idaho		1,593	1,197	75%				
Illinois	•	76,197	4,154	5%				
Indiana	0	5,434	4,264	78%				
Iowa	•	69,221	68,156	98%				
Kansas	•	20,781	20,334	98%				
Kentucky	•	64,946	33,546	52%				
Louisiana	•	44,072	15,161	34%				
Maine		3,518	2,550	72%				
Maryland	•	49,661	45,494	92%				
Massachusetts	•	7,892	7,754	98%				
Michigan	0	26,496	21,209	80%				
Minnesota	•	7,611	7,423	98%				
Mississippi	0	28,088	23,143	82%				
Missouri	•	21,982	20,578	94%				
Montana		21,743	19,184	88%				
Nebraska		12,199	11,510	94%				
Nevada Nevada		8,847	5,640	64%				
New Hampshire	-	6,532	3,110	48%				
New Jersey New Mexico		24,983 51,072	21,194	85% 81%				
New York			41,572 85,318	97%				
North Carolina		88,131						
North Dakota		6,589	5,466	83%				
Ohio		27,297	26,932	99%				
Oklahoma		422	399	95%				
		18,459	15,925	86%				
Oregon Pennsylvania		29,312	17,368	59%				
Rhode Island		1,993	1,783	89%				
South Carolina		1,993	10,925	98%				
South Carolina South Dakota		9,678	9,513	98%				
Tennessee	_	21,757	14,404	66%				
Texas	0	11,319	6,971	62%				
Utah		18,794	9,350	50%				
Vermont		1,523	9,330	62%				
Virginia	0	29,959	22,154	74%				
Washington		41,848	40,373	96%				
West Virginia		8,317	7,619	92%				
Wisconsin	-	16,675	13,655	82%				
Wyoming		11,369	10,452	92%				
		11,507	10,132	1				
Data Source								
Vehicle Type Large trucks and buses MCMIS Inspection records from January 1, 2003 to December 31, 2003								
Data Set (1 year) from the Ma Note: all 'Add' record	arch 26, 200	4 data snapshot.						
		1						
Summary Re								
	on	# States						
Rating Descripti								
Rating Descripti Good % Reported within 21 I Fair % Reported within 21 I								

Crash Accuracy Measure: Percentage of Matched Crash Records									
<u>State</u>	Rating	Total # Crash Records	# UnMatched Records	% UnMatched Records	# Matched Records				
National	N/A	86,200	11,278	13%	74,792				
Alabama	•	2,973	747	25%	2,226				
Alaska	0	9	2	22%	7				
Arizona	0	1,675	150	9%	1,525				
Arkansas	0	646	63	10%	583				
California	0	5,772	843	15%	4,929				
Colorado	0	1,026	71	7%	955				
Connecticut	0	897	136	15%	761				
Delaware	0	208	12	6%	196				
District of Columbia	0	6	1	17%	5				
Florida	•	4,057	1,240	31%	2,817				
Georgia	•	2,621	413	16%	2,208				
Hawaii	0	55	7	13%	48				
Idaho	0	365	22	6%	343				
Illinois		5,549	266	5%	5,283				
Indiana	0	3,533	295	3%	3,238				
Iowa	_	1,484	46	3%	1,438				
Kansas		1,268	132	10%	1,136				
Kentucky	_	2,062	17	1%	2,045				
Louisiana	•	1,875	510	27%	1,365				
Maine	•	1,349	36	3%	1,313				
Maryland	•	645	19	3%	626				
Massachusetts	0	774	101	13%	673				
Michigan	•	2,618	614	23%	1,874				
Minnesota	•	1,772	391	22%	1,381				
Mississippi	•	1,998	451	23%	1,547				
Missouri	•	3,472	180	5%	3,292				
Montana	•	590	9	2%	581				
Nebraska	0	944	103	11%	841				
Nevada	0	514	54	11%	460				
New Hampshire	0	145	16	11%	129				
New Jersey	•	5,225	1,405	27%	3,820				
New Mexico	•	143	43	30%	100				
New York	0	1,108	101	9%	1,007				
North Carolina		855	163	19%	692				
North Dakota	0	249	24	10%	225				
Ohio		3,919	116	3%	3,803				
Oklahoma	•								
	•	1,153	186	16%	967				
Oregon	_	921	21	2%	900				
Pennsylvania	•	2,393	688	29%	1,705				
Rhode Island	0	292	36	12%	256				
South Carolina	•	1,885	77	4%	1,808				
South Dakota	•	225	9	4%	216				
Tennessee	•	1,521	237	16%	1,284				
Texas	0	7,108	870	12%	6,238				
Utah	0	756	76	10%	680				
Vermont	0	34	4	12%	30				
Virginia	•	2,393	97	4%	2,296				
Washington	•	1,210	56	5%	1,154				
West Virginia	•	936	48	5%	888				
Wisconsin	•	2,050	74	4%	1,976				
Wyoming	•	922	0	0%	922				
Data Source Vehicle Type Large trucks and buses MCMIS Crash records from January 1, 2003 to December 31, 2003 (1 year) from the March 26, 2004 data snapshot. Note: only records with the Interstate Flag set to 'Y' AND status code equal to 'C' (complete) were used.									
		- D	,						
_	Sun	nmary Repor Descri		# States					
Rating									
Good	% Reported within 90 Days is >= 85% 25								
Fair	1	% Reported within 90 Days is 60 - 84% 8							
Poor	% Repor	% Reported within 90 Days is < 60% 18							
Insufficient Data		s <15 records	s reported in ND < 60% of cra	ash 0					
mounicient Data		reported with		wii U					

<u>%</u>

Matched Records

87%

75%

78%

91%

90%

85%

93%

85%

94% 83%

69%

84%

87%

94% 95%

92%

97%

90%

99%

73%

97%

97%

87%

72%

78%

77%

95%

98%

89%

89%

89%

73%

70%

91%

81% 90%

97%

84% 98%

71%

88%

96%

96%

84% 88%

90%

88%

96%

95%

95%

96%

100%

Inspection Accuracy Measure: Percentage of Matched Inspection Records									
<u>State</u>	Rating	Total # Inspection Records	# UnMatched Records	WnMato		# Matched Records	% Matched Records		
National	N/A	2,399,761	104,816		4%	2,294,945	96%		
Alabama	•	21,438	1,093		5%	20,345	95%		
Alaska	•	4,168	93		2%	4,075	98%		
Arizona		31,046	1,354		4%	29,692	96%		
Arkansas	•	58,728	632		1%	58,096	99%		
California	0	323,138	23,826		7%	299,312	93%		
Colorado	•	55,332	1,137		2%	54,195	98%		
Connecticut	•	19,916	881		4%	19,035	96%		
Delaware	•	4,152	52		1%	4,100	99%		
District of Columbia	0	3,495	274		8%	3,221	92%		
Florida	•	42,153	1,458		3%	40,695	97%		
Georgia	•	83,448	1,547		2%	81,901	98%		
Hawaii	•	2,299	24	,	1%	2,275	99%		
Idaho	•	7,978	169		2%	7,809	98%		
Illinois	•	76,464	2,262		3%	74,202	97%		
Indiana	•	52,123	1,021	,	2%	51,102	98%		
Iowa		64,713	2,289		4%	62,424	96%		
Kansas	•	58,761	1,119		2%	57,642	98%		
Kentucky		90,929	806		1%	90,123	99%		
Louisiana	0	41,835		6%	6%	39,470	94%		
Maine		7,100	103		1%	6,997	99%		
Maryland		90,699	1,964		2%	88,735	98%		
Massachusetts		17,180	440		3%	16,740	97%		
Michigan		44,500	1,245	<u></u>	3%	43,255	97%		
Minnesota		25,498	761	<u> </u>	3%	24,737	97%		
Mississippi		52,489		2%	51,556	98%			
Missouri		68,679	1,507		2%	67,172	98%		
Montana		39,079	652	2%		38,427	98%		
Nebraska		25,077	333			24,744	99%		
				7%					
Nevada	0	18,324	1,210			17,114	93%		
New Hampshire	0	8,911	524			8,387	94%		
New Jersey	0	32,294	2,507		8%	29,787	92%		
New Mexico	0	70,967	4,356		6%	66,611	94%		
New York		73,088	1,656		2%	71,432	98%		
North Carolina	•	31,688	910		3%	30,778	97%		
North Dakota	•	14,475	203		1%	14,272	99%		
Ohio	•	66,874	919		1%	65,955	99%		
Oklahoma	•	12,253	291		2%	11,962	98%		
Oregon	•	40,118	464		1%	39,654	99%		
Pennsylvania	•	66,479	1,802		3%	64,677	97%		
Rhode Island	0	3,651	211		6%	3,440	94%		
South Carolina	•	26,560	1,004		4%	25,556	96%		
South Dakota	•	26,100	853		3%	25,247	97%		
Tennessee	•	55,734	1,812		3%	53,922	97%		
Texas	0	193,645	29,753		15%	163,892	85%		
Utah	•	28,552	521		2%	28,031	98%		
Vermont		6,435	230		4%	6,205	96%		
Virginia		34,072	924		3%	33,148	97%		
Washington		115,115	2,541		2%	112,574	98%		
West Virginia	•	13,382	457		3%	12,925	97%		
Wisconsin	•	28,839	1,115	1,115 49		27,724	96%		
Wyoming	•	19,788	213		1%	19,575	99%		
X7.1.1	. •	Data So	urce						
Vehicle Type Large trucks and buses Data Set MCMIS Inspection records from January 1, 2003 to December 31, 2003 (1 year) from the March 26, 2004 data snapshot. Note: only records with the Interstate Flag set to 'Y' AND status code equal to 'C' (complete) were used.						per 31, 2003			
		1			4				
	Sumn	nary Report							
Rating	D	escription		# States					
Good 6 % of Insp	ection Re	cords Matched	l is >= 95%	42					
Fair % of Insp	ection Re	cords Matched	l is 85 - 94%	9					
Poor % of Insp	ection Re	cords Matched	l is < 85%	0					

Crash Consistency Overriding Indicator: Percentage of State-Reported Non-Fatal Crash Records									
		Year 1	Year 2	Year 3	Avg #	Total #	Estimate		
		<u>Jan. 1,</u>	<u>Jan. 1,</u>	<u>Jan. 1,</u>	Records Reported	Records. Jan. 1,	Reported		
<u>State</u>	Rating	<u>2000 -</u>	<u>2001 -</u>	<u>2002 -</u>	over	<u>2003 -</u>	<u>for</u> Current		
		<u>Dec.</u> 31,2000	<u>Dec.</u> 31,2001	<u>Dec.</u> 31,2002	<u>Previous</u>	<u>Dec. 31,</u>	Year Year		
	27/1				3 Years	2003	0=0/		
National	N/A	111,496	112,834	115,054	113,126	109,738	97%		
Alabama		3,429	3,441	3,605	3,492	3,336	96%		
Alaska	0	21	40	17	26	13	50%		
Arizona		2,320	2,114	469	1,634	2,621	160%		
Arkansas		1,854	1,062	1,200	1,372	722	53%		
California		7,814	7,127	7,735	7,559	9,702	128%		
Colorado		1,569	2,198	1,728	1,832	1,358	74%		
Connecticut		971	1,075	1,045	1,030	915	89%		
Delaware		242	330	479	350	223	64%		
District of Columbia		1	1	6	3	4	133%		
Florida		5,246	3,629	3,351	4,075	3,827	94%		
Georgia		5,811	5,542	6,008	5,787	3,648	63%		
Hawaii		188	193	198	193	184	95%		
Idaho		666	744	746	719	414	58%		
Illinois		3,412	3,375	5,032	3,940	5,450	138%		
Indiana		3,976	2,652	3,258	3,295	4,550	138%		
Iowa		1,365	954	1,277	1,199	1,641	137%		
Kansas		1,467	1,721	1,259	1,482	1,474	99%		
Kentucky		2,516	2,698	2,842	2,685	2,191	82%		
Louisiana		2,270	2,118	2,147	2,178	2,397	110%		
Maine		291	434	551	425	1,735	408%		
Maryland	*	1,480	1,340	1,641	1,487	656	44%		
Massachusetts		1,375	685	643	901	946	105%		
Michigan		2,953	2,884	3,782	3,206	4,772	149%		
Minnesota		2,243	1,748	1,609	1,867	2,184	117%		
Mississippi		1,938	1,907	1,932	1,926	2,013	105%		
Missouri		4,209	4,573	4,827	4,536	4,120	91%		
Montana		596	578	564	579	704	122%		
Nebraska		1,070	1,266	1,264	1,200	1,064	89%		
Nevada		591	554	522	556	612	110%		
New Hampshire		82	96	169	116	149	128%		
New Jersey		7,877	8,937	3,872	6,895	8,872	129%		
New Mexico	*	211	490	256	319	127	40%		
New York	*	3,602	3,526	4,179	3,769	1,589	42%		
North Carolina	*	4,402	3,117	4,438	3,986	1,037	26%		
North Dakota		294	232	258	261	331	127%		
Ohio		4,623	4,670	4,696	4,663	4,741	102%		
Oklahoma		1,501	1,601	1,837	1,646	1,200	73%		
Oregon		1,048	1,072	1,111	1,077	1,011	94%		
Pennsylvania		519	5,595	7,831	4,648	2,445	53%		
Rhode Island		163	45	48	85	331	389%		
South Carolina		2,547	2,251	2,508	2,435	2,511	103%		
South Dakota		204	269	280	251	256	102%		
Tennessee		1,480	1,270	1,310	1,353	1,631	121%		
Texas		11,690	12,875	11,255	11,940	10,005	84%		
Utah		1,223	1,470	1,560	1,418	1,020	72%		
Vermont	*	36	88	134	86	32	37%		
Virginia	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2,456	2,349	2,563	2,456	2,674	109%		
Washington		1,372	1,401	1,438	1,404	1,448	103%		
West Virginia		529	696	876	700	968	138%		
Wisconsin		2,993	3,011	3,806	3,270	2,972	91%		
Wyoming		760	790	892	814	912	112%		
Data Source Vehicle Type Large trucks and buses Data Set MCMIS Crash records from the March 26, 2004 data snapshot.									
D		Summary				W. C.			
Rating			Description		:	# States			
No Flag	<u> </u>	Reported is				45			
Flag	<u> </u>	Reported is				5			
Insufficient Data State has < 15 records reported in current timeframe AND <= 50% Estimate reported.									